

## CUMULATIVE TABLE OF CONTENTS, VOLUME 20

## Number 1

**Hepatitis C: State of the Art at the Millennium Part 1**

Andrea D. Branch, M.D. and Leonard B. Seeff, M.D.

**Introduction-Hepatitis C: The Virus that Created Hepatology,**

Paul D. Berk, M.D.

**Foreword**, Andrea D. Branch, M.D. and Leonard B. Seeff, M.D.**Epidemiology of Hepatitis C: Geographic Differences and Temporal**

Trends, Annemarie Wasley, Sc. and Miriam J. Alter, Ph.D.

**Recovery, Persistence, and Sequelae in HCV Infection: A Perspective on**

Long-Term Outcome, Harvey J. Alter, M.D. and Leonard B. Seeff, M.D.

**Transmission, Natural History, and Treatment of Hepatitis C Virus**

Infection in the Pediatric Population, Jeffrey B. Schwimmer, M.D. and

William F. Balisteri, M.D.

**Fibrosis in Patients with Chronic Hepatitis C: Detection and Significance,**

Thierry Pernod, M.D., Ph.D., Vlad Ratiu, M.D., Vincent Di Martino,

M.D., Pierre Bedossa, M.D., Ph.D., and Pierre Opolon, M.D.

**Hepatitis C Virus RNA Codes for Proteins and Replicates: Does It Also**

Trigger the Interferon Response?, Andrea D. Branch, M.D.

**Biochemical and Immunologic Properties of the Nonstructural Proteins of**

the Hepatitis C Virus: Implications for Development of Antiviral Agents

and Vaccines, Raffaele De Francesco, Ph.D., Petra Nedermann, Ph.D.,

Licia Tomei, Ph.D., Christian Steinkühler, Ph.D., Paola Gallinari, Ph.D., and

Antonella Folgori, Ph.D.

**Distribution of Markers of HCV Infection throughout the Body,**

Eric J. Gowans, M.D.

**Clinical Significance of Hepatitis C Virus Genotypes and Quasispecies,**

Patrizia Farci, M. and Robert H. Purcell, M.D.

**Book Reviews**, Franklin M. Klon, M.D.

## Number 2

**Hepatitis C: State of the Art at the Millennium Part 2**

Andrea D. Branch, M.D. and Leonard B. Seeff, M.D.

**Interaction between Hepatitis C Virus and the Immune System,**

Barbara Rehermann, M.D.

**The Lymphoid System in Hepatitis C Virus: Autoimmunity, Mixed****Cryoglobulinemia, and Overt B-Cell Malignancy**, Franco Dammacco, M.D., Domenico Sansommo, M.D., Claudio Piccoli, B.Sc., Vito Racanelli, M.D., Francesca Paola D'Amore, B.Sc., and Gianfranco Lauletta, M.D.**Diagnostic Testing for Hepatitis C**, Robert L. Carrithers, Jr., M.D.,

Anthony Marquardt, and David R. Gretch, M.D., Ph.D.

**Hepatitis C Kinetics: Mathematical Modeling of Viral Response to****Therapy**, Thomas J. Layden, M.D., Brian Mika, and Thelma E. Wiley, M.D.**Clinical Pharmacology of the Interferons**, Thomas J. Layden, M.D.

Antiviral Therapy of Patients with Chronic Hepatitis C, Jenny

Heathcote, M.B.B.S., M.D., FRCP, FRCR(C)

**Hepatitis C Virus after Liver Transplantation**, Patricia A. Sheiner, M.D.**Vaccine Development for Hepatitis C**, Martin Lechmann, Ph.D. and

T. Jake Liang, M.D.

**A 67-Year-Old Man with Hepatitis C Virus Infection and a Liver Tumor**,

Arief Suriawinata, M.D., Katya Ivanov, M.D., Menahem Ben Haim, M.D., and Myron E. Schwarz, M.D.

**Afterword**, Andrea D. Branch, Ph.D. and Leonard B. Seeff, M.D.**Book Review**, Franklin M. Klon, M.D.

## Number 3

**Hepatic Transporters, Hepatic Transport, and Its Diseases**

Peter L.M. Jansen, M.D.

**Foreword: From Classic Bile Physiology to Cloned Transporters,**

Peter L.M. Jansen, M.D.

**Transport of Drugs Across the Hepatic Sinusoidal Membrane: Sinusoidal****Drug Influx and Efflux in the Liver**, Hiroshi Suzuki, M.D. and

Yuichi Sugiyama, M.D.

**Hepatic Secretion of Conjugated Drugs and Endogenous Substances**,

Dietrich Keppler, M.D. and Jörg König, Ph.D.

**Hepatic Transport of Bile Salts**, Gerd A. Kullak-Ublick, M.D.,

Bruno Stieger, M.D., Bruno Hagenbuch, M.D., and Peter J. Meier, M.D.

**Mechanisms of Biliary Lipid Secretion and their Role in Lipid**

Homeostasis, Ronald P.J. Oude Elferink, M.D. and Albert K. Groen, M.D.

**Short-Term Regulation of Canalicular Transport**, Dieter Häussinger, M.D.,

Markus Schmitt, M.D., Oliver Weiergräber, M.D., and Ralf Kubitz, M.D.

**Transcriptional Control of Hepatocanalicular Transporter Gene**

Expression, Michael Müller, Ph.D.

**Intracellular Trafficking and Regulation of Canalicular ATP-Binding****Cassette Transporters**, Helmut Kipp, M.D. and Irwin M. Arias, M.D.**Wilson's Disease**, Georgios Loudianos, M.D. and Jonathan D. Gitlin, M.D.**Genetic Defects in Hepatocanalicular Transport**, Richard Thompson, M.D. and Peter L.M. Jansen, M.D.**Molecular Alterations in Hepatocyte Transport Mechanisms in Acquired****Cholestatic Liver Disorders**, John Lee, M.D. and James L. Boyer, M.D.**AT-7 Month Old Male Infant with Extra- and Intrahepatic Biliary Cysts**,

Margret S. Magid, M.D., Sukru Emre, M.D., Karen I. Norton, M.D.,

Katya Ivanov, M.D., and Benjamin L. Shneider, M.D.

**Portal Hypertension and Hepatopulmonary Syndrome in a Middle-Aged****Man with Hepatitis B Infection**, M. Isabel Fiel, M.D., Thomas D. Schiano, M.D., Arief Suriawinata, M.D., and Sukru Emre, M.D.**In Memoriam****Erratum**

## Number 4

**Liver Transplantation in the New Millennium**

Michael F. Sorrell, M.D.

**Foreword**, Daniel F. Schafer, M.D. and Michael F. Sorrell, M.D.**Adult-to-Adult Living-Donor Liver Transplantation: A Critical Analysis**,

John F. Renz, M.D., Ph.D. and Ronald W. Busuttil, M.D., Ph.D.

**Liver Transplantation for Hepatic and Biliary Malignancy**,

William J. Wall, M.D., FRCS

**Liver and Small Bowel Transplantation. Therapeutic Alternatives**

for the Treatment of Liver Disease and Intestinal Failure,

Richard Gilroy, M.B.B.S. and Debra Sudan, M.D.

**Timing of Liver Transplantation**, W. Ray Kim, M.D. and

E. Rolland Dickson, M.D.

**Hepatitis B and C in the Liver Transplant Recipient**, Hugo R. Rosen, M.D. and Paul Martin, M.D.**Recurrent Primary Biliary Cirrhosis, Primary Sclerosing Cholangitis, and****Autoimmune Hepatitis after Transplantation**, Thomas W. Faust, M.D.**The Mystique of Hepatic Tolerogenicity**, Thomas E. Starzl, M.D., Ph.D., Noriko Murase, M.D., Anthony Demetris, M.D., Massimo Trucco, M.D., and John Fung, M.D., Ph.D.**Prospects for Xenotransplantation of the Liver**, Akiyoshi Kanazawa, M.D. and Jeffrey L. Platt, M.D.**Immunosuppression in Liver Transplantation**, Mark S. Cattral M.D., M.Sc., Leslie B. Lilly M.D., and Gary A. Levy M.D.**Recurrence and Acceleration Progression of Hepatitis C following Liver****Transplantation**, P.H. Bernard, M.D., B. Le Bail, M.D., Ph.D., A. Rullier, M.D., P. Trimoulet, M.D., M. Neuau-Cransac, M.D., C. Balabaud, M.D., and P. Biolau-Sage, M.D.

## Supplement 1

**Hepatitis B and Liver Transplantation: Proceedings of an****American Liver Foundation Program**

John M. Vierling, M.D. and Lewis W. Teperman, M.D.

**Introduction to Hepatitis B Transplantation**, John M. Vierling, M.D. and Lewis W. Teperman, M.D. Program co-chairs**Overview of Hepatitis B Transplantation in the Hepatitis B Patient**,

Gabriel Garcia, M.D., Lidija Petrovic, M.D., Speakers;

John M. Vierling, M.D., Moderator

**Transplantation in the Hepatitis B Patient and Current Therapies to****Prevent Recurrence**, Steven D. Colquhoun, M.D., Steven H. Belle, M.D., Didier Samuel, M.D., Timothy L. Pruitt, M.D., Speakers;

Lewis W. Teperman, M.D., Moderator

**Posttransplantation: Emerging and Future Therapies**, Robert P. Perillo, M.D., Martin Krueger, M.D., Theodore Sievers, M.D., Speakers;

John R. Lake, M.D., Moderator

**Posttransplantation: Future Therapies**, Marion Peters, M.D., Daniel

Shouval, M.D., Andrew Bonham, M.D., John M. Vierling, M.D., and Anna S.F. Lok, M.D.

**Hepatitis B Transplantation: Special Conditions**, Myron J. Tong, M.D., Norah A. Terrault, M.D., Speakers; Goran Klintmalm, M.D., Moderator**Case Studies of the Hepatitis B Patient: A Panel Discussion**.

John M. Vierling, M.D., Lewis W. Teperman, M.D., John R. Lake, M.D., Robert P. Perillo, M.D., Marion Peters, M.D., Speakers;

Eugene R. Schiff, M.D., Moderator